

# LAND RECLAMATION COMMISSION

STATE OF MISSOURI

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

573-751-4041

## Permit To Engage in Surface Mining

LAND RECLAMATION COMMISSION

### ISSUES TO HORN QUARRY

Pursuant to "The Land Reclamation Act," RSMo, 2001, and on conformity with the statements

In the application, a permit is hereby granted to engage in surface mining of

limestone in the state of Missouri. The extent of the

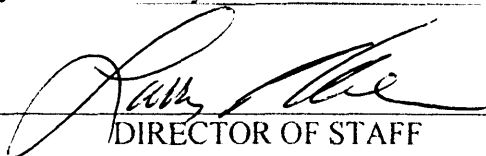
Proposed mining operation(s) will be on eight acres, more or less.

The locations of the operation(s) under this permit is/are as follows: **Renewal**

County	Section	Township	Range	Acres Renewed	Acres New	Total Acres	Site/Stream Name	Site Number
Caldwell	10	57N	26W	8	0	8	Horn Quarry	0595

This permit may be suspended or revoked upon violation of any or all of the conditions set forth in "The Land Reclamation Act," RSMo. 2001, or in such rules and regulations as are promulgated pursuant thereto by the Land Reclamation Commission.

IN WITNESS WHEREOF I have hereunto set my hand this 6th day of May 2004

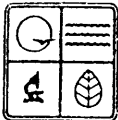
  
\_\_\_\_\_  
DIRECTOR OF STAFF  
Land Reclamation Commission

Permit No. 0616  
Effective Date 05/06/2004  
Expiration Date 07/20/2004

MO 780-1122 (6-95)

RECEIVED

APR 30 2004



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
LAND RECLAMATION COMMISSION  
**PERMIT RENEWAL FOR INDUSTRIAL MINERAL MINES**

MISSOURI LAND

P.O. BOX 176  
JEFFERSON CITY, MO 65102-0176

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL <b>HORN QUARRY</b>		RECLAMATION COMMISSION	
ADDRESS <b>11618 N.E. 164 ST.</b>	CITY <b>KEARNEY</b>	STATE <b>MO</b>	ZIP CODE <b>64060</b>
CONTACT PERSON <b>JOHN HORN</b>		TELEPHONE NUMBER <b>816 628 6786</b>	

## FEES: COMPLETE SECTION I OR SECTION II

## SECTION I. Fees: Open pit operators and those mining more than 5,000 tons of sand and/or gravel:

## 1. To compute the site fee complete the information below:

SITE NAME OR NUMBER <i>0616</i> (add a separate sheet for additional sites)	Mark each month that the site will be operated during the permit year	For sites operated less than six months per permit year pay \$150 For sites operated six months or more per permit year pay \$300
1.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
2.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
3.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
4.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
5.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
6.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
7.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
8.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
9.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
10.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$

TOTAL SITE FEE  $\rightarrow$  \$ **150.00**2. Acreage Fee \$5 X **8** number of acres bonded \$ **40.00**3. Annual Permit Fee \$ **500.00**4. Total Fee (Add totals from 1, 2 and 3) \$ **1090.00**NOTE: If Total Fee exceeds \$2,500.00 then pay only \$ **2,500**

## SECTION II. FEES: Sand or gravel operators mining less than 5,000 tons per year:

1. Annual Permit Fee \$ **300**

SIGNATURE OF APPLICANT <i>John Horn</i>		TITLE <i>owner</i>	DATE <i>4-28-04</i>
Appeared before me this <i>28th</i> day of <i>April</i> , 20 <i>04</i> . <i>John Horn</i> to me personally known, who executed the above as their free acts and deeds.			
NOTARY PUBLIC EMBOSSEER SEAL	STATE OF <i>Missouri</i>	COUNTY (OR CITY OF ST. LOUIS) <i>Clay</i>	
<div style="border: 1px solid black; padding: 5px;"> Janiece R. Brown Notary Public - Notary Seal State of Missouri County of Clay Expires October 24, 2004 </div>	SUBSCRIBED AND SWORN BEFORE ME, THIS <i>28th</i> DAY OF <i>April</i> YEAR <i>2004</i>		<div style="border: 1px solid black; padding: 5px;"> Janiece R. Brown Notary Public - Notary Seal State of Missouri County of Clay Expires October 24, 2004 </div>
	NOTARY PUBLIC SIGNATURE <i>Janiece R. Brown</i>	MY COMMISSION EXPIRES <i>10/24/04</i>	
	NOTARY PUBLIC NAME (TYPED OR PRINTED) <i>Janiece R. Brown</i>		
FOR DEPARTMENT USE ONLY: APPROVED BY <i>[Signature]</i>	DATE APPROVED <i>5-4-04</i>	PERMIT NUMBER <i>0616</i>	EXPIRATION DATE <i>7-20-04</i>



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
LAND RECLAMATION COMMISSION  
**SITE INFORMATION FORM**

To be completed for each separate area of disturbance associated with mining operations.

SITE NAME OR NUMBER <i>HORN Quarry</i>		PERMIT NUMBER <i>320</i>
COMPANY NAME <i>HORN Quarry</i>		
COUNTY <i>CAIDWELL</i>	1/4 SECTION	SECTION <i>5-10</i>
TOWNSHIP <i>T-57.N</i>	RANGE <i>R-26.W</i>	ACRES <i>60</i>
RIVER OR STREAM NAME (FOR IN-STREAM ACRES)		
MINERAL COMMODITY <i>Limestone</i>		ESTIMATED TONS/YEAR (FOR GRAVEL SITES) —

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) <i>Margaret Gray</i>		
ADDRESS <i>RT 1 Box 195</i>		
CITY <i>Breckenridge</i>	STATE <i>Mo</i>	ZIP CODE <i>64625</i>
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT <i>6-16-93</i>
<input checked="" type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		

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JUL 14 1993

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) <i>same as above</i>		
ADDRESS		
CITY	STATE	ZIP CODE
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT
<input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		

**NOTE:** Each site must be shown on a map and be included in a public notice and an approved mine plan.



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
LAND RECLAMATION COMMISSION  
**MINE PLAN**

P.O. BOX 176  
JEFFERSON CITY, MO 65102

TYPE OF PLAN (CHECK ONE):

☐ SHORT TERM, FOR ONE PERMIT YEAR

☒ LONG TERM, FOR PERIOD THROUGH DATE: 2023

DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY:

Pre-existing Quarry, assumed liability from Gondringer Enterprises.  
Breckenridge Quarry, Breckenridge Mo.  
Farm ground off to side.  
Stockpile area from previous quarry operator.  
State Highway down side. County gravel road other side.  
Thin top soil- Brush- Grass around Quarry face.

Pre-mining - gentle slopes, thin topsoil, marginal farming.  
Long history of quarry operation

7-14-93 J.H.

OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.

A. TOPSOIL

AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING

5' - 10'

4

INCHES

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?

☐ YES OR ☒ NO

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

Bulldozer and scraper are used for stripping off dirt.  
Top soil to one side until quarried out.  
Dirt will be stripped down to rock 5 (five) to 10 (ten) feet deep.  
Top soil will be stockpiled for future reclamation.

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MISSOURI LAND  
RECLAMATION COMMISSION

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

topsoil  
When mined, would be stored nearby.  
Burm to hold runoff of silt if any needed.  
Will store on a stable area.  
Sides sloped, seeded and protected. Also seeding of topsoil and burm.

**B. SPOIL**

DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

Spoil will be put in pit after both ledges have been quarried out.  
Then topsoil replaced.

**C. ACID MATERIALS**

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

None.

**D. PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)**

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

Refer to sight map.  
Pit runs north and south in strips when worked.

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RECLAMATION COMMISSION**YES NO**☐ ☒

Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?

☐ ☒

Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-½) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)

☐ ☒

Will any excavation start at or within fifty feet (50') of any property line?  
(NOTE: If the answer is "yes", a safety barrier may be needed.)

**RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.**

**A. REVEGETATION** (Attach additional sheets, if needed)

REVEGETATION MIX #1

Red Clover and fescue

PURPOSE OR LAND USE

PASTURE  
INDUSTRIAL

B. SEEDING OR PLANTING TIME

MARCH 15 TO MAY 15

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Grade, disk, broadcast and seed and harrow, on areas above  
the highwall, shoreline of impoundment and  
reclaimed spoil piles. 7-14-93 J.H.

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
Red Clover Fescue	10 <sup>4</sup> 2000# 7-14-93 J.H.		

REVEGETATION MIX #2

~~Red Clover and alfalfa~~

PURPOSE OR LAND USE

~~Industrial~~

B. SEEDING OR PLANTING TIME

~~Spring~~

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

~~Broadcast seeding~~

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MISSOURI LAND  
RECLAMATION COMMISSION

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

**B. GRADING**

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

All spoil areas will be graded to slopes traversable by farm machinery. A lake will be in the final pit area.

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MISSOURI LAND  
RECLAMATION COMMISSION**C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES****GRADING**

Grading will be done as the pit advances and as spoil is placed in mined-out portions. Final grading will be completed within one year <sup>after permit expiration</sup> after mined-out portions are backfilled.

**REPLACEMENT OF TOPSOIL**

Topsoil will be laid down within one year <sup>permit expiration and</sup> after each area is final graded. Topsoil will be replaced to a uniform depth of 12 inches and disced to reduce compaction. Topsoil will be replaced within one year of final grading.

7-14-93 JH

**REVEGETATION**

All topsoiled areas will be seeded during the first spring following topsoil replacement, and within 2 months after permit expires

**AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)**

12"

7-14-93 JH

**D. USE OF LAND WHEN RECLAIMED**

Estimate acreage of each land use below, after reclamation

**ESTIMATED ACRES:**

Wildlife (forest or other habitat with livestock excluded)

Agricultural (pasture, cropland, and horticultural)

30

Development (residential, industrial, and recreational)

28

Water impoundments (for wildlife, agricultural, or development)

2

By my signature, I attest to the following:

1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

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JUL 14 1993  
MISSOURI LAND  
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SIGNATURE OF APPLICANT <i>John L. Hahn</i>		TITLE <i>Owner</i>	DATE <i>7-13-93</i>
NOTARY PUBLIC EMBOSSEER SEAL	STATE <i>Missouri</i>	COUNTY (OR CITY OF ST. LOUIS) <i>Clay</i>	
	SUBSCRIBED AND SWORN BEFORE ME, THIS <i>13</i> DAY OF <i>July</i> 19 <i>93</i>		
	NOTARY PUBLIC SIGNATURE <i>Coleene Carver</i>	MY COMMISSION EXPIRES <i>May 31, 1997</i>	USE RUBBER STAMP IN CLEAR AREA BELOW <b>COLENE CARVER NOTARY PUBLIC STATE OF MISSOURI CLAY COUNTY MY COMMISSION EXP MAY 31, 1997</b>
NOTARY PUBLIC NAME (TYPED OR PRINTED) <b>COLENE CARVER</b>			
APPROVED BY (DIRECTOR'S REPRESENTATIVE) <i>[Signature]</i>		DATE APPROVED <i>7-16-93</i>	PERMIT NUMBER <i>616</i>

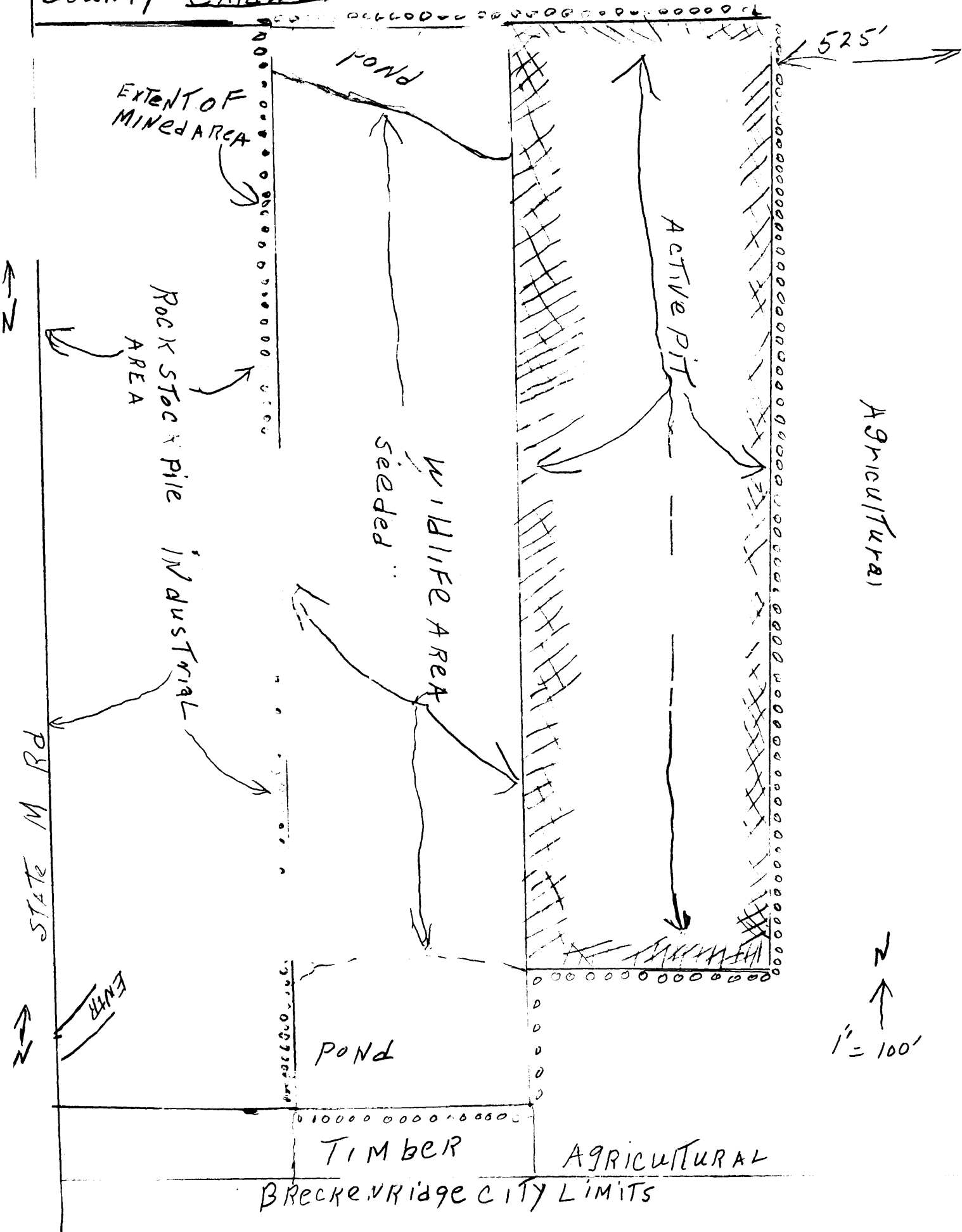




COMPANY HORN LARRY

MINE/PIT PIT

COUNTY CALDWELL



P VE

SET 02 1992

COMPANY GONDINGER ENT DATE Sept 15 1992  
LINE/PIT PIT RECLAMA N COMMODITY MINED LIMESTONE  
CNTY CO NEILL SECTION 10 TOWNSHIP 5 RANGE 26

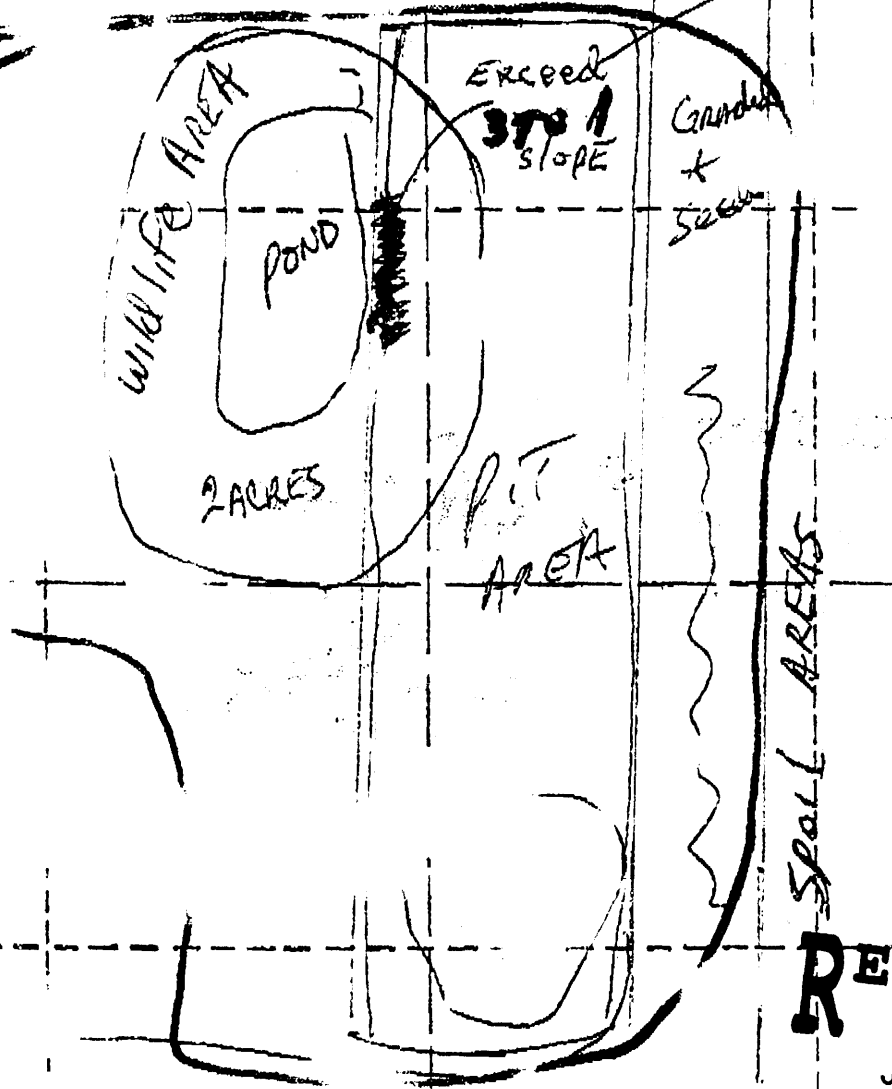
**Ed L. Landowner** **Ad J. J. J.**

fe Hwy

Graded + Seeded

S.G.  
Sept 28-92

S.G.  
1-28  
1992



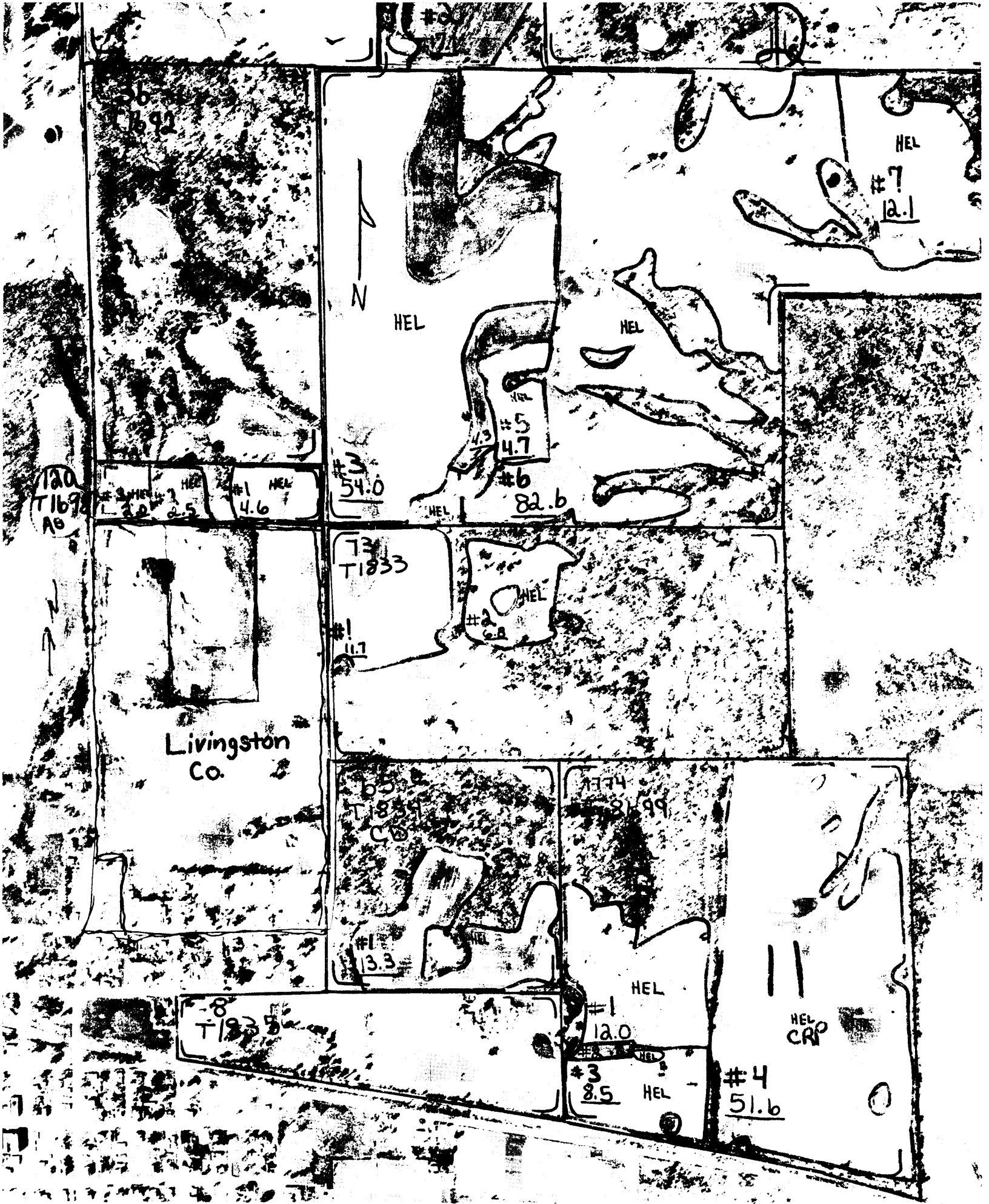
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RECLAMATION COMMISSION

Timber

Agricult

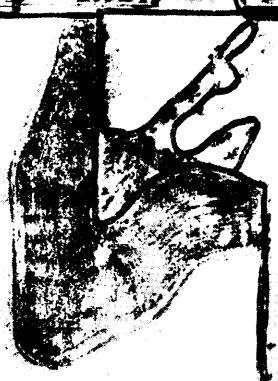


120  
T169  
AB

#3 HEL 2.0  
#1 HEL 4.6  
#2 HEL 2.5

#3  
54.0

HEL



HEL



HEL  
#7  
12.1

73  
T1833

#1  
11.7



Livingston  
Co.

65  
T1833  
C

#1  
13.3



1774  
T1833  
99

#1  
12.0  
#3  
8.5

HEL

HEL

#4  
51.6

HEL  
CRP

